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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/812,011

03/30/2004

Jeong-su Lim

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2786

21171

7590

08/23/2006

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EXAMINER

EPPS, TODD MICHAEL

ART UNIT

PAPER NUMBER

3632

DATE MAILED: 08/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/812,011	<b>Applicant(s)</b> LIM, JEONG-SU	
	<b>Examiner</b> Todd M. Epps	<b>Art Unit</b> 3632	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 01 June 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |                                                                                                                        |                                                                                         |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                            | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

### DETAILED ACTION

This is the second Office Action **final** for serial number 10/812,011, Monitor Apparatus, filed on March 30, 2004.

#### ***Claim Rejections - 35 USC § 102***

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-18, 22-28, 30, 31, and 33 are rejected under 35 U.S.C. 102(b) as being anticipated by the Applicants Admitted Prior Art (AAPA) as identified by Fig. 1-2b of the drawings, and pages 1-2 of specification, which the applicant submitted.

The prior art discloses a first link (110, 1<sup>st</sup> side) provided between the monitor (102) and the base (101); a second link (110, 2<sup>nd</sup> side) provided between the monitor (102) and the base (101), and adjacent to the first link; a base bracket (104, and 106), combined to the base (101), the base bracket having first and second lower supporting parts (adjacent of 104, and 106) to rotatably support lower parts of the first and second links, respectively; a connecting bracket (fig. 1) rotatably combined to the monitor (102), the connecting bracket having first and second upper supporters (fig. 1) to rotatably support upper parts of the first and second links, respectively; a first spring (fig. 1- 1<sup>st</sup> side) interposed between the first link and the first lower supporting part, to elastically bias the first link upward with respect to the base; a second spring (fig. 1- 2<sup>nd</sup> side) interposed between the second link and the second lower supporting part to elastically

Art Unit: 3632

bias the second link upward with respect to the base, wherein the distance between rotating axes of the first and second lower supporting parts that rotatably support the first and second links, respectively, is greater than the distance between tilting axes of the first and second upper supporters; a monitor coupler (fig. 1) spaced from the first and second supporters, and rotatably combined to the monitor; a link rotation restrictive part (fig. 1; bottom between springs and links) to restrict a rotation angle of at least one of the first and second links relative to the base; wherein a link rotation restrictive part further comprises a protrusion protruding from the base bracket to restrict the rotation angle of at least one of the first and second links by making contact with an upper surface of at least one of the first and second links (fig. 1); wherein the first spring further comprises a torsion spring having a first end coupled to the first lower supporting part, and a second end coupled to the first link; wherein the second spring further comprises a torsion spring having a first end removably coupled to the second lower supporting part, and a second end removably coupled to the second link; a monitor bracket (fig. 1 – backside of the monitor) combined to the monitor, and rotatably combined to the connecting bracket; a monitor tilting restrictive part (110 - top portion) to restrict a tilting angle of the monitor bracket relative to the connecting bracket; and a projection protruding from the monitor coupler, and a stopping part (fig. 1) formed by cutting an arc of the connecting supporter provided in the monitor bracket; wherein height of the monitor is adjusted by rotating the first and second links relative to the base (fig. 1-2B);

***Claim Rejections - 35 USC § 103***

Claims 19, 20, 21, 32, and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over the Applicants Admitted Prior Art (AAPA) as identified by Fig. 1-2b of the drawings, and pages 1-2 of specification, which the applicant submitted in view of U.S. Patent No. 6,822,857 to Jung et al. (Jung).

The prior art discloses the previous invention failing to specifically teach wherein the connecting supporter further comprises a through hole via which the monitor couple is rotatably combined to the connecting supporter. Nevertheless, Jung '857 discloses wherein a connecting supporter comprises a through hole via which the monitor coupler is rotatably combined to the connecting supporter. Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified the connecting supporter of the previous art with the connecting supporter as in Jung '857 wherein doing so would provide thereof convenience to remove the monitor coupler for disassembly.

Claim 29 is rejected under 35 U.S.C. 103(a) as being unpatentable over the Applicants Admitted Prior Art (AAPA) as identified by Fig. 1-2b of the drawings, and pages 1-2 of specification, which the applicant submitted.

The prior art discloses the previous invention failing to specifically teach wherein the sum of resilience due to the first and second springs is approximately equal to a weight of the monitor. Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have the sum of resilience due to the

Art Unit: 3632

first and second springs equal to a weight of the monitor wherein doing so would provide thereof for additional strength and support to hold the monitor at any height.

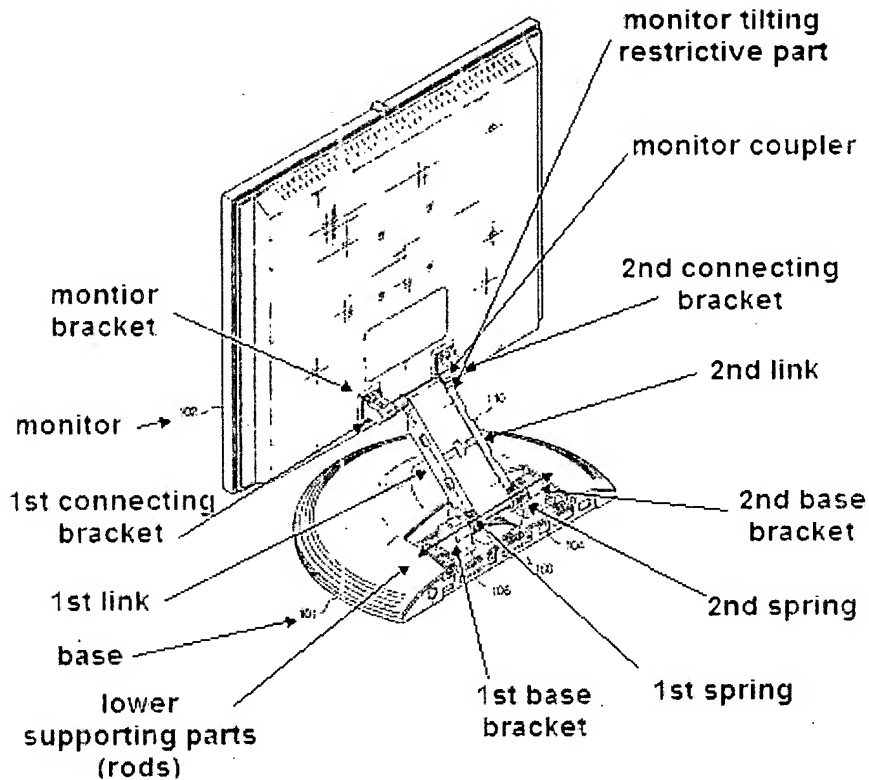
### ***Response to Arguments***

Applicant's arguments filed June 1, 2006 have been fully considered but they are not persuasive.

In response to applicant's argument that the "Description of the Related Art" (fig. 1) does not disclose a connecting bracket rotatably combined to the monitor. The Examiner clearly disagrees. With reference to the office action above and the drawing below, the applicant will see that the above reference does in fact teach wherein a connecting bracket rotatably combined to the monitor. The figure shows the connecting bracket rotatably combined to the monitor as the monitor moves.

Furthermore, applicant argues that the "Description of the Related Art" does not disclose a base bracket having first and second lower supporting parts to rotatably support lower parts of the first and second links, respectively. The Examiner clearly disagrees. The Examiner recognized that there are rods or pivot parts on both ends from the base brackets through the springs and attached to both lower links. The rods are being used as support lower parts.

FIG. 1  
(PRIOR ART)



### **Conclusion**

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

Art Unit: 3632

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Todd M. Epps whose telephone number is 571-272-8282. The examiner can normally be reached on M-F (7:30-4:30).

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Todd M. Epps  
Patent Examiner  
Art Unit 3632  
August 14, 2006

Joey Wujciak  
Primary Examiner  
Art Unit 3632

